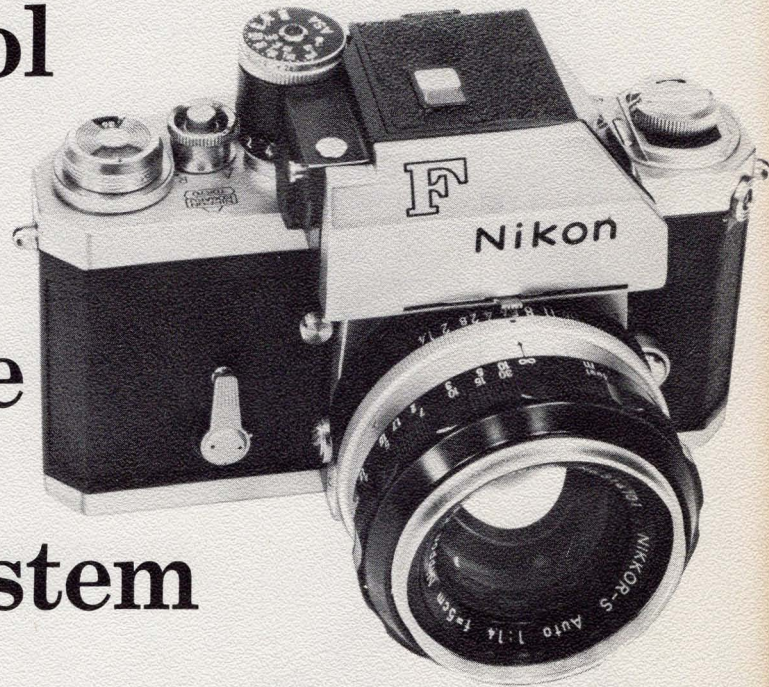


now—
thru-the-lens
exposure control
for the Nikon F
PHOTOMIC T
interchangeable
thru-the-lens
meter/finder system



The makers of the Nikon F seem to have anticipated and allowed for every new development, every new advance in single-lens reflex design. They created an instrument whose capabilities are seemingly unlimited.

The owner of even the earliest Nikon F, for example, can enjoy the same modern advantages as if the camera had just come off the drawing boards. Likewise, the man selecting a Nikon F today can look to a lifetime of photographic activity with a camera that virtually defies obsolescence.

This year, as in previous years, the Nikon F offers proof again of its dynamic flexibility, this time with the new Photomic T meter system. Affixed to the Nikon F, it transforms this already remarkable camera into a totally new, totally integrated, ultra-modern instrument.

The Photomic T is a complete prism-finder-meter system designed for thru-the-lens exposure control. It interchanges with the standard prism finder or direct-reading Photomic, and is cross-coupled to the shutter speed dial and lens-aperture ring. Initially, the Photomic T will be supplied with Nikon F cameras only, but will soon be available as a separate accessory. Current camera bodies will require some modification.

Because it is a thru-the-lens system, the Photomic T automatically takes into account lens transmission, filter absorption, close-up exposure increase, etc. The need for calculating and allowing for these factors is therefore eliminated. The Photomic T reduces the problem of exposure determination to routine simplicity.

Nikon F/Photomic T with 50mm f2 Auto-Nikkor \$371.00; with 50mm f1.4 Auto-Nikkor \$433.00
Photomic T meter/finder system only, \$109.50 (when available)

PHOTOMIC T FEATURES

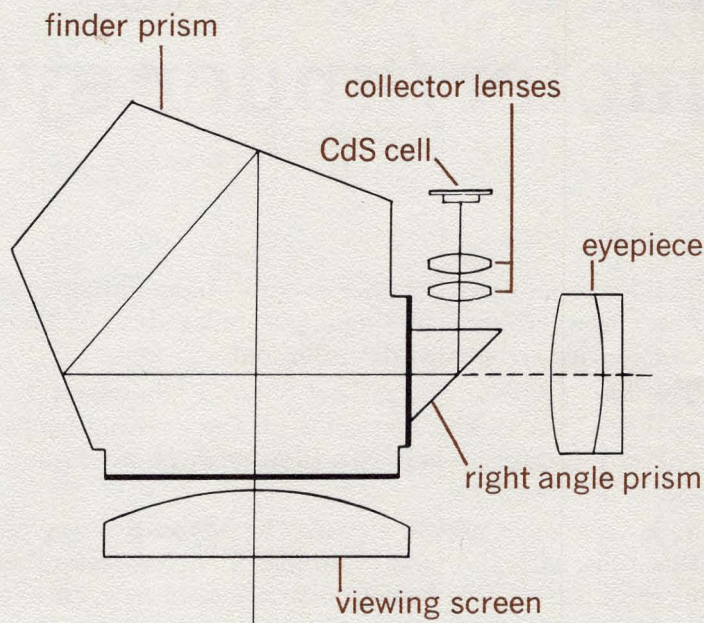
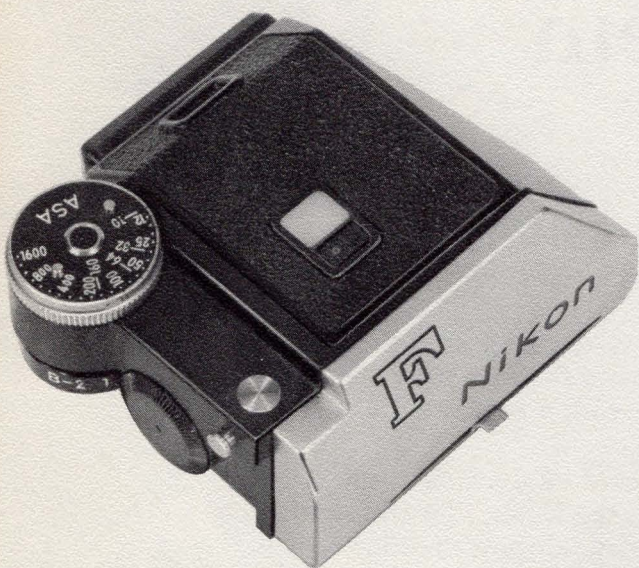
Measures subject brightness on viewing screen Two ultra-sensitive CdS cells, located in prism housing, read subject brightness from viewing screen. These cells 'see' only the framed-in picture area. Ingenious steps have been taken to prevent extraneous light from reaching the cells and upsetting the reliability of the readings.

'Black' coating To eliminate or, at least, reduce stray light in the Photomic T system, the two light-transmitting surfaces (bottom and rear) of the finder prism are 'black' coated. 'Black' coating is a costly, complex technique about 6 to 8 times more effective than conventional 'blue' coating in reducing surface reflections. Moreover, its effect is not limited to a small color band, but extends over the entire light spectrum.

Directional optical system Each cell is mounted in a tube behind an optical system, comprising a prism and two lens elements which direct the light of the screen image onto the cells. Light rays reaching the optical system from outside the picture area on the screen are refracted or bent away and prevented from reaching the cells.

Cross-coupled The Photomic T couples to the shutter-speed dial and diaphragm ring. It takes full advantage of automatic diaphragm convenience and responds to changes in aperture without actually stopping down the diaphragm.

Indicator needle in finder The meter needle is visible in viewfinder, as well as in outside window of finder housing. It centers when correct exposure is indicated.



PHOTOMIC T SPECIFICATIONS

| | | |
|-----------------|--|-----------------------|
| Measuring Range | LV 2 to 17 with f1.4 lens LV 1.5 to 16.5 with f1.2 lens | } based on ASA 100 |
| Lens Apertures | f1.2 to f45 | |
| Shutter Speeds | 2 seconds to 1/1000th | |
| Film Ratings | ASA 10 to 1600 | |
| Battery | Standard type (Mallory PX-13 or equivalent) | |